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CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Adopt Resolution Awarding the Purchase of Padmount Transformers (\$200,330.96) (EUD)

MEETING DATE: August 1, 2007

PREPARED BY Electric Utility Director

RECOMMENDED ACTION: Adopt a resolution awarding the bids for the purchase of padmount transformers to the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest life-cycle costs.

BACKGROUND INFORMATION: On May 16, 2007, the City Council authorized the Electric Utility Department (EUD) to advertise for bids as necessary to meet the EUD's needs for padmount transformers through the fiscal year.

On July 1, 2007, bids were opened for nine sizes of padmount transformers, and life-cycle costs were evaluated (Life-cycle costs are the combined total purchase price plus cost of operation based on estimated power loss during the projected life of the transformer).

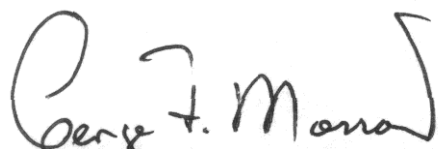
7 each 37.5kVA, 1-Ph	HEES Enterprises, Inc.	\$14,089.39
8 each 50kVA, 1-Ph	HEES Enterprises, Inc.	17,636.52
6 each 75kVA, 1-Ph	HEES Enterprises, Inc.	18,050.28
3 each 150kVA, 3-Ph	HEES Enterprises, Inc.	24,082.13
2 each 225kVA, 3-Ph, 208Y	Pauwels Transformen. Inc.	18,162.34
1 each 225kVA, 3-Ph. 480Y	Pauwels Transformers, Inc.	9,546.65
3 each 300kVA, 3-Ph	Pauwels Transformers, Inc.	32,273.28
1 each 500kVA, 3-Ph	Pauwels Transformers, Inc.	15,765.98
2 each 1500kVA, 3-Ph	HEES Enterprises, Inc.	50,724.39
		<u>\$200,330.96</u>

Proposals are also evaluated on the basis of compliance with equipment and bid specifications. Failure to comply with both may lead to disqualification of the bid. A summary of the bid evaluation is attached as Exhibit A. Some of the transformers are planned for use in a commercial development on Reynolds Ranch and other residential and commercial developments and upgrades within the City. Other transformers are to bring the number of stock transformers of different sizes to the required inventory level.

FISCAL IMPACT: Procurement cost is \$200,330.96

FUNDING: Account No. 160651


Kirk Evans, Budget Manager


George F. Morrow, Electric Utility Director

PREPARED BY: Demy Bucaneg, Jr., P.E., Manager, Engineering & Operations

APPROVED: / _____
Blair King, City Manager

EXHIBIT A

[illegible]

Bid Item 4: 150 kVA, 208Y/120 Volt, Three Phase Pad												
							Number of units:	3			65	>2.0
Vendor	Unit	Extended	Price	No Load	Load	No Load	Load	Cost of	Life Cycle	Delivery	Height	Impedance
	Price \$	Price \$	w/tax \$	Loss (watts)	Loss (watts)	Loss value	Loss value	Losses \$	Cost \$	(weeks)	(inches)	%
Howard Industries, Inc.	9,163.00	27,489.00	29,619.40	272	1692	3,060.00	6,345.00	9,405.00	39,024.40	26-28	46	2.291
HEES Enterprises, Inc.	7,450.00	22,350.00	24,082.13	316	1537	3,555.00	5,763.75	9,318.75	33,400.88	38-41	49	3.600
Wesco Distribution, Inc.	8,843.00	26,529.00	28,585.00	335	1242	3,768.75	4,657.50	8,426.25	37,011.25	30-40	48	
Pauwels Transformers, Inc.	7,415.00	22,245.00	23,968.99	349	1597	3,926.25	5,988.75	9,915.00	33,883.99	34-36	52.1	2.510
Central Moloney, Inc.	No Bid											
Bid Item 5: 225 kVA, 208Y/120 Volt, Three Phase Pad												
							Number of units:	2			65	>3.5
Vendor	Unit	Extended	Price	No Load	Load	No Load	Load	Cost of	Life Cycle	Delivery	Height	Impedance
	Price \$	Price \$	w/tax \$	Loss (watts)	Loss (watts)	Loss value	Loss value	Losses \$	Cost \$	(weeks)	(inches)	%
Howard Industries, Inc.	10,984.00	21,968.00	23,670.52	432	2307	3,240.00	5,767.50	9,007.50	32,678.02	26-28	51	3.605
HEES Enterprises, Inc.	9,530.00	19,060.00	20,537.15	217	3298	1,627.50	8,245.00	9,872.50	30,409.65	38-41	49	3.900
Wesco Distribution, Inc.	10,522.00	21,044.00	22,674.91	412	2673	3,090.00	6,682.50	9,772.50	32,447.41	30-40	56	
Pauwels Transformers, Inc.	8,428.00	16,856.00	18,162.34	458	2,688	3,435.00	6,720.00	10,155.00	28,317.34	34-36	52.1	3.740
Central Moloney, Inc.	No Bid											
Bid Item 6: 225 kVA, 480Y/277 Volt, Three Phase Pad												
							Number of units:	1			65	>3.5
Vendor	Unit	Extended	Price	No Load	Load	No Load	Load	Cost of	Life Cycle	Delivery	Height	Impedance
	Price \$	Price \$	w/tax \$	Loss (watts)	Loss (watts)	Loss value	Loss value	Losses \$	Cost \$	(weeks)	(inches)	%
Howard Industries, Inc.	11,284.00	11,284.00	12,158.51	453	2151	1,698.75	2,688.75	4,387.50	16,546.01	28-30	51	3.782
HEES Enterprises, Inc.	9,208.00	9,208.00	9,921.62	225	3355	843.75	4,193.75	5,037.50	14,959.12	38-41	49	3.900
Wesco Distribution, Inc.	10,571.00	10,571.00	11,390.25	387	2035	1,451.25	2,543.75	3,995.00	15,385.25	30-40	56	
Pauwels Transformers, Inc.	8,860.00	8,860.00	9,546.65	415	2430	1,556.25	3,037.50	4,593.75	14,140.40	34-36	52.1	3.660
Central Moloney, Inc.	No Bid											

Bid Item 7: 300 kVA, 208Y/120 Volt, Three Phase Pad								Number of units:	3			65	>3.5
Vendor	Unit	Extended	Price	No Load	Load	No Load	Load	Cost of	Life Cycle	Delivery	Height	Impedance	
	Price \$	Price \$	w/tax \$	Loss (watts)	Loss (watts)	Loss value	Loss value	Losses \$	Cost \$	(weeks)	(inches)	%	
Howard Industries, Inc.	13,627.00	40,881.00	44,049.28	515	2577	5,793.75	9,663.75	15,457.50	59,506.78	26-28	51	3.689	
HEES Enterprises, Inc.	11,646.00	34,938.00	37,645.70	362	2823	4,072.50	10,586.25	14,658.75	52,304.45	38-41	57	3.900	
Wesco Distribution, Inc.	11,784.00	35,352.00	38,091.78	474	2500	5,332.50	9,375.00	14,707.50	52,799.28	30-40	52		
Pauwels Transformers, Inc.	9,984.00	29,952.00	32,273.28	546	3251	6,142.50	12,191.25	18,333.75	50,607.03	34-36	52.1	3.650	
Central Moloney, Inc.	No Bid												
Bid Item 8: 500 kVA, 208Y/120 Volt, Three Phase Pad								Number of units:	1			75	>4.0
Vendor	Unit	Extended	Price	No Load	Load	No Load	Load	Cost of	Life Cycle	Delivery	Height	Impedance	
	Price \$	Price \$	w/tax \$	Loss (watts)	Loss (watts)	Loss value	Loss value	Losses \$	Cost \$	(weeks)	(inches)	%	
Howard Industries, Inc.	19,073.00	19,073.00	20,551.16	754	4902	2,827.50	6,127.50	8,955.00	29,506.16	28-30	61	4.401	
HEES Enterprises, Inc.	16,242.00	16,242.00	17,500.76	505	6188	1,893.75	7,735.00	9,628.75	27,129.51	38-41	49	4.600	
Wesco Distribution, Inc.	17,721.00	17,721.00	19,094.38	673	5336	2,523.75	6,670.00	9,193.75	28,288.13	30-40	60		
Pauwels Transformers, Inc.	14,632.00	14,632.00	15,765.98	825	4,834	3,093.75	6,042.50	9,136.25	24,902.23	34-36	58.1	3.700	
Central Moloney, Inc.	No Bid												
Bid Item 9: 1500 kVA, 480Y/277 Volt, Three Phase Pad								Number of units:	2			90	>5.3
Vendor	Unit	Extended	Price	No Load	Load	No Load	Load	Cost of	Life Cycle	Delivery	Height	Impedance	
	Price \$	Price \$	w/tax \$	Loss (watts)	Loss (watts)	Loss value	Loss value	Losses \$	Cost \$	(weeks)	(inches)	%	
Howard Industries, Inc.	36,047.00	72,094.00	77,681.29	1604	12081	12,030.00	30,202.50	42,232.50	119,913.79	30-32	69	5.799	
HEES Enterprises, Inc.	23,538.00	47,076.00	50,724.39	1654	10167	12,405.00	25,417.50	37,822.50	88,546.89	38-41	63	5.500	
Wesco Distribution, Inc.	33,447.00	66,894.00	72,078.29	1940	9273	14,550.00	23,182.50	37,732.50	109,810.79	30-40	61		
Pauwels Transformers, Inc.	27,582.00	55,164.00	59,439.21	1674	12676	12,555.00	31,690.00	44,245.00	103,684.21	34-36	72.1	5.750	
Central Moloney, Inc.	No Bid												
Total Cost:													
HEES Enterprises, Inc.			124,582.71										
Pauwels Transformers, Inc.			75,748.25										
			\$ 200,330.96										

RESOLUTION NO. 2007-149

A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE BIDS FOR THE PURCHASE OF
PADMOUNT TRANSFORMERS

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on July 1, 2007, at 11:00 a.m. for the purchase of padmount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on May 16, 2007; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached; and

WHEREAS, the City Manager recommends the award of the bids for the various types and sizes of padmount transformers for the Electric Utility Department be made to the bidder(s) whose proposal and equipment meet City of Lodi specifications and whose transformers are expected to yield the lowest overall life-cycle costs, listed as follows:

7 each 37.5kVA, 1-Ph	HEES Enterprises, Inc.	\$ 14,089.39
8 each 50kVA, 1-Ph	HEES Enterprises, Inc.	\$ 17,636.52
6 each 75kVA, 1-Ph	HEES Enterprises, Inc.	\$ 18,050.28
3 each 150kVA, 3-Ph	HEES Enterprises, Inc.	\$ 24,082.13
2 each 225kVA, 3-Ph, 208Y	Pauwels Transformers, Inc.	\$ 18,162.34
1 each 225kVA, 3-Ph, 480Y	Pauwels Transformers, Inc.	\$ 9,546.65
3 each 300kVA, 3-Ph	Pauwels Transformers, Inc.	\$ 32,273.28
1 each 500kVA, 3-Ph	Pauwels Transformers, Inc.	\$ 15,765.98
2 each 1500kVA, 3-Ph	HEES Enterprises, Inc.	\$ 50,724.39
		<u>\$200,330.96</u>

NOW, THEREFORE, BE IT RESOLVED that the award of the bids for the purchase of padmount transformers for the Electric Utility Department be and the same is hereby awarded to the lowest responsible bidders, as shown above, in the total amount of \$200,330.96.

Dated: August 1, 2007


I hereby certify that Resolution No. 2007-149 was passed and adopted by the City Council of the City of Lodi in a regular meeting held August 1, 2007, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Hitchcock, Katzakian, Mounce, and Mayor Johnson

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


RANDI JOHL
City Clerk

Transformer Bid Evaluation

Bid Opening: July 11, 2007

Padmount			Tax (factor): 1.0775		Primary Winding: 12,000 Volt, Delta Connected, 3-Phase							
July 11, 2007			No Load Loss \$/watt: 3.75		12,000 Grd Wye/6,930 Volt, 1-Phase							
			Load Loss \$/watt: 1.25									
Bid Item 1: 37.5 kVA, 240/120 Volt, Single Phase Pad			Number of units: 7		28 >1.5							
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	2,421.00	16,947.00	18,260.39	85	449	2,231.25	3,928.75	6,160.00	24,420.39	6-8	24	1.728
HEES Enterprises, Inc.	1,868.00	13,076.00	14,089.39	88	442	2,310.00	3,867.50	6,177.50	20,266.89	14-16	28	1.500
Wesco Distribution, Inc.	2,469.00	17,283.00	18,622.43	82	461	2,152.50	4,033.75	6,186.25	24,808.68	30-40	24	
Pauwels Transformers, Inc.	No Bid											
Central Moloney, Inc.	No Bid											
Bid Item 2: 50 kVA, 240/120 Volt, Single Phase Pad			Number of units: 8		28 >1.6							
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	2,760.00	22,080.00	23,791.20	110	511	3,300.00	5,110.00	8,410.00	32,201.20	6-8	24	1.612
HEES Enterprises, Inc.	2,046.00	16,368.00	17,636.52	101	580	3,030.00	5,800.00	8,830.00	26,466.52	14-16	28	1.600
Wesco Distribution, Inc.	2,731.00	21,848.00	23,541.22	82	461	2,460.00	4,610.00	7,070.00	30,611.22	30-40	24	
Pauwels Transformers, Inc.	No Bid											
Central Moloney, Inc.	No Bid											
Bid Item 3: 75 kVA, 240/120 Volt, Single Phase Pad			Number of units: 6		28 >1.8							
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	3,651.00	21,906.00	23,603.72	149	634	3,352.50	4,755.00	8,107.50	31,711.22	6-8	24	1.681
HEES Enterprises, Inc.	2,792.00	16,752.00	18,050.28	149	700	3,352.50	5,250.00	8,602.50	26,652.78	14-16	28	1.800
Wesco Distribution, Inc.	3,254.00	19,524.00	21,037.11	119	789	2,677.50	5,917.50	8,595.00	29,632.11	30-40	24	
Pauwels Transformers, Inc.	No Bid											
Central Moloney, Inc.	No Bid											

Bid Item 4: 150 kVA, 208Y/120 Volt, Three Phase Pad				Number of units:				3			65	>2.0
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	9,163.00	27,489.00	29,619.40	272	1692	3,060.00	6,345.00	9,405.00	39,024.40	26-28	46	2.291
HEES Enterprises, Inc.	7,450.00	22,350.00	24,082.13	316	1537	3,555.00	5,763.75	9,318.75	33,400.88	38-41	49	3.600
Wesco Distribution, Inc.	8,843.00	26,529.00	28,585.00	335	1242	3,768.75	4,657.50	8,426.25	37,011.25	30-40	48	
Pauwels Transformers, Inc.	7,415.00	22,245.00	23,968.99	349	1597	3,926.25	5,988.75	9,915.00	33,883.99	34-36	52.1	2.510
Central Moloney, Inc.	No Bid											
Page 2												
Bid Item 5: 225 kVA, 208Y/120 Volt, Three Phase Pad				Number of units:				2			65	>3.5
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	10,984.00	21,968.00	23,670.52	432	2307	3,240.00	5,767.50	9,007.50	32,678.02	26-28	51	3.605
HEES Enterprises, Inc.	9,530.00	19,060.00	20,537.15	217	3298	1,627.50	8,245.00	9,872.50	30,409.65	38-41	49	3.900
Wesco Distribution, Inc.	10,522.00	21,044.00	22,674.91	412	2673	3,090.00	6,682.50	9,772.50	32,447.41	30-40	56	
Pauwels Transformers, Inc.	8,428.00	16,856.00	18,162.34	458	2,688	3,435.00	6,720.00	10,155.00	28,317.34	34-36	52.1	3.740
Central Moloney, Inc.	No Bid											
Page 2												
Bid Item 6: 225 kVA, 480Y/277 Volt, Three Phase Pad				Number of units:				1			65	>3.5
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	11,284.00	11,284.00	12,158.51	453	2151	1,698.75	2,688.75	4,387.50	16,546.01	28-30	51	3.782
HEES Enterprises, Inc.	9,208.00	9,208.00	9,921.62	225	3355	843.75	4,193.75	5,037.50	14,959.12	38-41	49	3.900
Wesco Distribution, Inc.	10,571.00	10,571.00	11,390.25	387	2035	1,451.25	2,543.75	3,995.00	15,385.25	30-40	56	
Pauwels Transformers, Inc.	8,860.00	8,860.00	9,546.65	415	2430	1,556.25	3,037.50	4,593.75	14,140.40	34-36	52.1	3.660
Central Moloney, Inc.	No Bid											

Bid Item 7: 300 kVA, 208Y/120 Volt, Three Phase Pad				Number of units:		3				65	>3.5	
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	13,627.00	40,881.00	44,049.28	515	2577	5,793.75	9,663.75	15,457.50	59,506.78	26-28	51	3.689
HEES Enterprises, Inc.	11,646.00	34,938.00	37,645.70	362	2823	4,072.50	10,586.25	14,658.75	52,304.45	38-41	57	3.900
Wesco Distribution, Inc.	11,784.00	35,352.00	38,091.78	474	2500	5,332.50	9,375.00	14,707.50	52,799.28	30-40	52	
Pauwels Transformers, Inc.	9,984.00	29,952.00	32,273.28	546	3251	6,142.50	12,191.25	18,333.75	50,607.03	34-36	52.1	3.650
Central Moloney, Inc.	No Bid											
Bid Item 8: 500 kVA, 208Y/120 Volt, Three Phase Pad				Number of units:		1					75	>4.0
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	19,073.00	19,073.00	20,551.16	754	4902	2,827.50	6,127.50	8,955.00	29,506.16	28-30	61	4.401
HEES Enterprises, Inc.	16,242.00	16,242.00	17,500.76	505	6188	1,893.75	7,735.00	9,628.75	27,129.51	38-41	49	4.600
Wesco Distribution, Inc.	17,721.00	17,721.00	19,094.38	673	5336	2,523.75	6,570.00	9,193.75	28,288.13	30-40	60	
Pauwels Transformers, Inc.	14,632.00	14,632.00	15,765.98	825	4,834	3,093.75	6,042.50	9,136.25	24,902.23	34-36	58.1	3.700
Central Moloney, Inc.	No Bid											
Bid Item 9: 1500 kVA, 480Y/277 Volt, Three Phase Pad				Number of units:		2					90	>5.3
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %
Howard Industries, Inc.	36,047.00	72,094.00	77,681.29	1604	12081	12,030.00	30,202.50	42,232.50	119,913.79	30-32	69	5.799
HEES Enterprises, Inc.	23,538.00	47,076.00	50,724.39	1654	10167	12,405.00	25,417.50	37,822.50	88,546.89	38-41	63	5.500
Wesco Distribution, Inc.	33,447.00	66,894.00	72,078.29	1940	9273	14,550.00	23,182.50	37,732.50	109,810.79	30-40	61	
Pauwels Transformers, Inc.	27,582.00	55,164.00	59,439.21	1674	12676	12,555.00	31,690.00	44,245.00	103,684.21	34-36	72.1	5.750
Central Moloney, Inc.	No Bid											
Total Cost:												
HEES Enterprises, Inc.			124,582.71									
Pauwels Transformers, Inc.			75,748.25									
			\$ 200,330.96									